

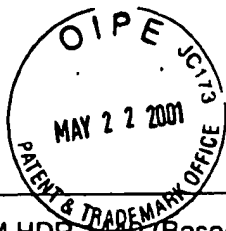
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<b>FORM HDP-1449 (Based on Form PTO-1449)</b>  <b>PATENT AND TRADEMARK OFFICE</b> <b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)  Sheet 1 of 10	<b>ATTORNEY DOCKET NO.</b>	<b>SERIAL NO.</b>
	4075-000002	09/770,097
	<b>APPLICANT</b>	
	S. Muirhead	
	<b>FILING DATE</b>	<b>GROUP</b>
	January 24, 2001	

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.	D.	3,398,434	08/27/68	Alesi, Jr., et al.	Technology Center 2600 OCT 25 2001 RECEIVED	
2.		3,583,036	06/08/71	Brown		
3.		3,597,799	08/10/71	Earle		
4.		3,695,188	10/03/72	Granatstein		
5.		3,702,100	11/07/72	Wharton		
6.		3,779,687	12/18/73	Alesi		
7.		3,783,078	01/01/74	Brodhead		
8.		3,787,158	01/22/74	Brown, et al.		
9.		3,867,088	02/18/75	Brown, et al.		
10.		3,868,209	02/25/75	Howell		
11.		3,919,382	11/11/75	Smarook		
12.		3,919,445	11/11/75	Smarook		
13.		3,919,446	11/11/75	Smarook		
14.		3,964,400	06/22/76	Brand		
15.		4,013,021	03/22/77	Steinlein, et al.		
16.		4,070,839	01/31/78	Clem		
17.		4,079,232	03/14/78	Brokoff, et al.		
18.		4,101,252	07/18/78	Brown		
19.		4,113,909	09/12/78	Beasley		
20.		4,133,270	01/09/79	Ravera		
21.		4,158,539	06/19/79	Arends, et al.		

Examiner: <i>Don J. Byrne</i>	Date Considered: <i>4/28/05</i>
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4075-000002

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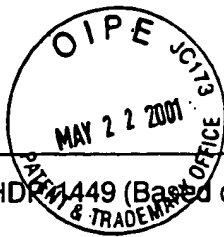
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Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
22.	D.P.	4,164,387	08/14/79	Schermutzki, et al.		
23.		4,164,389	08/14/79	Beasley		
24.		4,194,663	03/25/80	West, et al.		
25.		4,244,915	01/13/81	Boardman		
26.		4,255,382	03/10/81	Arends, et al.		
27.		4,287,836	09/08/81	Aoki		
28.		4,348,442	09/0/82	Figge		
29.		4,377,377	03/22/83	Arends, et al.		
30.		4,428,306	1/31/84	Dresen et al.		
31.		4,464,329	08/07/84	Whiteside, et al.		
32.		4,488,496	12/18/84	Polacco		
33.		4,500,213	2/19/85	Grimm		
34.		4,507,348	03/26/85	Nagata, et al.		
35.		4,509,432	04/09/85	Win		
36.		4,509,909	04/09/85	Arends		
37.		4,513,048	04/23/85	Kaube, et al.		
38.		4,531,901	07/30/85	Andersen		
39.		4,555,381	11/26/85	Chazal, et al.		
40.		4,600,376	07/15/86	Gillman, et al.		
41.		4,606,278	08/19/86	Shuert		

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**U.S. PATENT DOCUMENTS**

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
42.	D.P.	4,608,009	08/26/86	Whiteside, et al.		
43.		4,636,348	01/13/87	Whiteside		
44.		4,649,007	03/10/87	Bonis, et al.		
45.		4,666,544	05/19/87	Whiteside, et al.		
46.		4,742,781	05/10/88	Shuert		
47.		4,801,347	1/31/89	Garwood		
48.		4,846,077	07/11/89	Win		
49.		4,907,515	03/13/90	Win		
50.		4,969,812	11/13/90	Brown		
51.		5,007,225	04/16/91	Teasdale		
52.		5,030,501	07/09/91	Colvin, et al.		
53.		5,042,396	08/27/91	Shuert		
54.		5,046,434	09/10/91	Breezer, et al.		
55.		5,071,603	12/10/91	Kurumaji, et al.		
56.		5,088,418	02/18/92	Reckermann, et al.		
57.		5,108,529	04/28/92	Shuert		
58.		5,117,762	06/02/92	Shuert		
59.		5,123,359	06/23/92	DelBalso		
60.		5,123,541	06/23/92	Giannini, et al.		
61.		5,143,778	09/01/92	Shuert		

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**U.S. PATENT DOCUMENTS**

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
62.	D.P.	5,156,782	10/20/92	Ballantyne	<div>RECEIVED OCT 25 2001 Technology Center 2600</div>	
63.		5,164,211	11/17/92	Comer		
64.		5,167,969	12/01/92	DeMaio, Jr., et al.		
65.		5,168,817	12/08/92	Nulle, et al.		
66.		5,197,395	03/30/93	Pigott, et al.		
67.		5,197,396	03/30/93	Breezer, et al.		
68.		5,225,213	07/06/93	Brown, et al.		
69.		5,226,373	07/13/93	Esch		
70.		5,229,648	7/20/93	Sues et al.		
71.		5,255,613	10/26/93	Shuert		
72.		5,283,028	02/01/94	Breezer, et al.		
73.		5,283,029	02/01/94	Ellemor		
74.		5,329,861	07/19/94	McCarthy		
75.		5,329,862	07/19/94	Breezer, et al.		
76.		5,337,681	08/16/94	Schrage		
77.		5,351,627	10/04/94	Junaedi		
78.		5,351,628	10/04/94	Breezer, et al.		
79.		5,351,629	10/04/94	Breezer, et al.		
80.		5,367,960	11/29/94	Schleicher		
81.	✓	5,367,961	11/29/94	Arai, et al.		

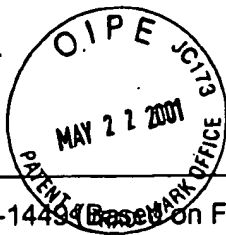
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*Dan J. Byrne*

Date Considered:

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**U.S. PATENT DOCUMENTS**

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
82.	D.P.	5,390,467	02/21/95	Shuert	Technology Center 2600	RECEIVED OCT 25 2001
83.		5,391,251	02/21/95	Shuert		
84.		5,401,347	03/28/95	Shuert		
85.		5,402,735	04/04/95	DeJean		
86.		5,404,829	04/11/95	Shuert		
87.		5,407,632	04/18/95	Constantino, et al.		
88.		5,408,937	04/25/95	Knight, IV et al.		
89.		5,413,052	05/09/95	Breezer, et al.		
90.		5,427,732	06/27/95	Shuert		
91.		5,448,110	9/5/95	Tuttle et al.		
92.		5,470,641	11/28/95	Shuert		
93.		5,479,416	12/26/95	Snodgrass et al.		
94.		5,492,069	02/20/96	Alexander, et al.		
95.		5,505,141	04/09/96	Barber		
96.		5,517,188	5/14/96	Carroll et al.		
97.		5,527,585	06/18/96	Needham, et al.		
98.		5,531,585	07/02/96	Lupke		
99.		5,535,668	07/16/96	Besaw, et al.		
100.		5,539,775	7/23/96	Tuttle et al.		
101.		5,555,820	09/17/96	Shuert		

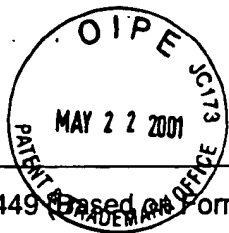
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**U.S. PATENT DOCUMENTS**

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
102.	D. P.	5,583,819	12/10/96	Roesner et al.	<div>RECEIVED OCT 25 2001 Technology Center 2600</div>	
103.		5,596,933	01/28/97	Knight, et al.		
104.		5,606,921	03/04/97	Elder, et al.		
105.		5,620,715	04/15/97	Hart, et al.		
106.		5,624,622	04/29/97	Boyce, et al.		
107.		5,624,630	04/29/97	Breezer, et al.		
108.		5,635,129	06/03/97	Breezer, et al.		
109.		5,635,306	06/03/97	Minamida, et al.		
110.		5,638,760	06/17/97	Jordan, et al.		
111.		5,649,295	7/15/97	Shober et al.		
112.		5,661,457	8/26/97	Ghaffari et al.		
113.		5,664,322	9/9/97	Best		
114.		5,676,064	10/14/97	Shuert		
115.		5,686,928	11/11/97	Pritchett et al.		
116.		5,687,652	11/18/97	Ruma		
117.		5,708,423	1/13/98	Ghaffari et al.		
118.		5,716,581	02/10/98	Tirrell, et al.		
119.		5,755,162	05/26/98	Knight, et al.		
120.		5,769,003	06/23/98	Rose, et al.		
121.		5,774,876	6/30/98	Woolley et al.		

Examiner: *Dan Boyle*Date Considered: *4/28/05*

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**U.S. PATENT DOCUMENTS**

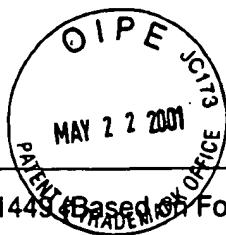
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
122.	DP	5,778,801	07/14/98	Delacour	Technology Center 2600	RECEIVED OCT 25 2001
123.		5,782,129	07/21/98	Vanderzee, et al.		
124.		5,791,262	08/11/98	Knight, et al.		
125.		5,794,542	08/18/98	Besaw		
126.		5,794,544	08/18/98	Shuert		
127.		5,800,846	09/01/98	Hart		
128.		5,813,355	09/29/98	Brown, et al.		
129.		5,814,185	09/29/98	Chun, et al.		
130.		5,818,348	10/6/98	Walczak et al.		
131.		5,822,683	10/13/98	Pashen		
132.		5,822,714	10/13/98	Cato		
133.		5,830,299	11/03/98	Teixidor Casanovas, et al.		
134.		5,836,255	11/17/98	Uitz		
135.		5,843,366	12/01/98	Shuert		
136.		5,845,588	12/08/98	Gronnevik		
137.		5,860,369	01/19/99	John, et al.		
138.		5,862,760	01/26/99	Kohlhaas		
139.		5,868,080	02/09/99	Wyler, et al.		
140.		5,879,495	03/09/99	Evans		
141.	✓	5,885,691	03/23/99	Breezer, et al.		

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**U.S. PATENT DOCUMENTS**

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
142.	D.P.	5,894,803	04/20/99	Kuga		
143.		5,900,203	05/04/99	Needham, et al.		
144.		5,908,135	6/1/99	Bradford et al.		
145.		5,921,189	07/13/99	Estepp		
146.		5,929,779	7/27/99	MacLellan et al.		
147.		5,933,354	8/3/99	Shimada et al.		
148.		5,936,527	8/10/99	Isaacman et al.		
149.		5,942,987	8/24/99	Heinrich et al.		
150.		5,950,545	09/14/99	Shuert		
151.		5,950,546	09/14/99	Brown, et al.		
152.		5,955,950	9/21/99	Gallagher, III et al.		
153.		5,963,144	10/5/99	Kruest		
154.		5,967,057	10/19/99	Nakayama, et al.		
155.		5,971,592	10/26/99	Kralj et al.		
156.		5,973,599	10/26/99	Nicholson et al.		
157.		5,975,879	11/02/99	Dresen, et al.		
158.		5,980,231	11/09/99	Arends, et al.		
159.		5,986,569	11/16/99	Mish et al.		
160.		5,986,570	11/16/99	Black et al.		
161.		5,993,724	11/30/99	Shuert		

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**U.S. PATENT DOCUMENTS**

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
162.	D.P.	5,999,091	12/7/99	Wortham	<div>RECEIVED OCT 25 2001 Technology Center 2600</div>	
163.		6,006,677	12/28/99	Apps, et al.		
164.		6,013,949	1/11/00	Tuttle		
165.		6,018,641	1/25/00	Tsubouchi et al.		
166.		6,018,927	02/01/00	Major		
167.		6,021,721	02/08/00	Rushton		
168.		6,025,780	2/15/00	Bowers et al.		
169.		6,027,027	2/22/00	Smithgall		
170.		6,029,583	02/29/00	LeTrudet		
171.		6,199,488 B1	03/13/01	Favaron, et al.		

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Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
1.	D.P.	WO 99/64221	12/16/99	World Int. Prop. Org.	<div>RECEIVED OCT 25 2001 Technology Center 2600</div>		
2.		WO 98/21691	5/22/98	World Int. Prop. Org.			
3.		10-32851	2/3/98	Japan			
4.		9-41756	2/10/97	Japan			
5.		0 249 203	9/19/90	European Patent Office			

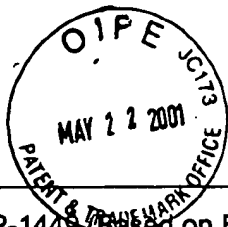
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Technology Center 2600**OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)**

Ref. Desig.	Examiner's Initials	
1.	D.	English Abstract of Japanese Patent Publication 10032851 (February 16, 1998)
2.		English Abstract of Japanese Patent Publication 090041756 (September 11, 1998)
3.		Kevin R. Sharp, <a href="http://www.idsystems.com/implementer/articles/deli0299.htm">http://www.idsystems.com/implementer/articles/deli0299.htm</a> , A Delicate Balance: Multifrequency RF Management, 4 pages, February 1999
4.		Kevin R. Sharp, <a href="http://www.idsystems.com/reader/1999_03/phys0399.htm">http://www.idsystems.com/reader/1999_03/phys0399.htm</a> , Physical Reality, 4 pages, March 1999
5.		Kevin R. Sharp, <a href="http://www.idsystems.com/reader/1999_09/rfid0999.htm">http://www.idsystems.com/reader/1999_09/rfid0999.htm</a> , RFID: What's It Worth to You?, 4 pages, September 1999
6.		Kevin R. Sharp, <a href="http://www.idsystems.com/reader/1999_11/good1199.htm">http://www.idsystems.com/reader/1999_11/good1199.htm</a> , Good Design Makes RFID Work, 4 pages, November 1999
7.		Kevin R. Sharp, <a href="http://www.idsystems.com/reader/1999_05/join0599.htm">http://www.idsystems.com/reader/1999_05/join0599.htm</a> , Joint Venture Produces New RFID Chips, 4 pages, May 1999
8.		Kevin R. Sharp, <a href="http://www.idsystems.com/reader/1999_05/less0599.htm">http://www.idsystems.com/reader/1999_05/less0599.htm</a> , Lessons from the Front, 5 pages, May 1999
9.		Paul Quinn, <a href="http://www.idsystems.com/reader/1999_05/comm0599/comm09599.htm">http://www.idsystems.com/reader/1999_05/comm0599/comm09599.htm</a> , Could this be the Start of Something Big?, 2 pages, May 1999
10.		Paul Quinn, <a href="http://www.idsystems.com/reader/2000_01/high0100/high0100.htm">http://www.idsystems.com/reader/2000_01/high0100/high0100.htm</a> , A Highly Pallet-able Solution, 3 pages, January 2000
11.		MicroID™ 125 kHz RFID System Design Guide, entire booklet, 1998 Microchip Technology Inc., December 1998
12.		FastTrack™ Series RFID Tags, Escort Memory Systems, Inc. 1999, Publication No. 17-5128, 6 pages
13.		Jay Werb & Colin Larel, <a href="http://www.pinpointco.com/_private/whitep/">http://www.pinpointco.com/_private/whitep/</a> Designing a Positioning System for Finding Things and People Indoors, 11 pages, 1998
14.		Tag-it™ Inlays, Texas Instruments, 2 sheets, 1999

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